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TI Manufacture of N-methylpyrrolidone

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AB N-Methylpyrrolidone is prep'd. by reaction of .gamma.-butyrolactone with MeNH<sub>2</sub>, followed by cyclization of the 4-hydroxy-N-methylbutyramide, in homogeneous liq. phase with a .gamma.-butyrolactone-MeNH<sub>2</sub>-H<sub>2</sub>O ratio of 1:1.22:2.1 at vol. velocity of 0.0075-0.085 h<sup>-1</sup>, a pressure of 2x10<sup>4</sup>xN/m<sup>2</sup> at 40-50.degree. in the first stage and at 280-290.degree., pressure 9-10x10<sup>4</sup>xN/m<sup>2</sup> and vol. velocity 0.38-0.40 h<sup>-1</sup> in the second stage.

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DT Patent

LA Romanian